

## ABSTRACT:

Sub A5

A device is provided for use in a data bus system like a USB bus system. The device can be coupled to a host via a bus cable that comprises a data transfer conductor and power supply conductors. The device detects whether a power supply is connected to the power supply conductors. Dependent on whether or not connection of the power supply has been detected, the device starts operating in a slave mode or in a stand-alone mode respectively. In a slave mode the device waits for commands received via the data transfer conductor. In the stand-alone mode the device operates independent from communication via the cable. Preferably, the device signals back to the host whether it is in the slave mode by enabling pull-up of a potential of the data transfer conductor. In an embodiment, detection and signaling is controlled via a single control node.

Fig. 1

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